INTERNATIONAL SEARCH REPORT

PCT Application No

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02M3/155 H02M3/335									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 H02M									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the International search (name of data base and, where practical, search terms-used)									
EPO-In	ternal, WPI Data, PAJ	•							
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		<u></u>						
Category °									
A	US 5 617 015 A (GODER DIMITRY ET 1 April 1997 (1997-04-01) column 5, line 35 - line 62; figu	1,17							
Α	WO 02 058220 A (KONINKL PHILIPS ELECTRONICS NV) 25 July 2002 (200 cited in the application abstract; figure 1	1,17							
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
° Special ca	ategories of cited documents :	"T" later document published after the inte	mational filling date						
	ent defining the general state of the art which is not	or priority date and not in conflict with cited to understand the principle or the	the application but						
considered to be of particular relevance invention									
filling date cannot be considered novel or cannot be considered to									
which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention									
"O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docu-									
other	·								
<u></u>	tater than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report								
	12 February 2004	19/02/2004							
	mailing address of the ISA	Authorized officer							
, same and	European Patent Office, P.B. 5818 Patentlaan 2	,							
NL 2280 HV Rlijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Gentili, L							

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